

**MINUTES OF THE 10th MEETING OF AGRICULTURAL ECONOMICS,
AGRICULTURAL STATISTICS AND EXTENSION EDUCATION
SUB-COMMITTEE OF SOCIAL SCIENCE GROUP HELD ON
FEBRUARY 17th, 2014 AT NAU, NAVSARI**

INAUGURATION SESSION

The Convener of 10th AGRESO of Social Science group, Dr. H. R. Pandya warmly welcomed the Chairman of the Inaugural Session, Hon. Vice Chancellor of NAU, Navsari, Dr. A. R. Pathak, Director of Research, Dr. A. N. Sabalpara, Director of Extension Education, Dr. H. J. Derashri, Dean, Faculty of Agriculture Dr. M. K. Arvadia, and the members of the body.

Dr. Pathak, highlighted the role of social science group in changing agricultural scenario and justified the importance of extension education, agricultural statistics and agricultural economics in upliftment. He emphasized on the area/commodity based market intelligence and suggested to identify in the context of south Gujarat region.

Dr. Sabalpara, compared this body as mirror and opined that this body can provide a new avenue of research. He highlighted the importance of feedback.

Dr. Derashri, underlined the importance of ITKs and success stories for the development of agriculture.

Dr. M. R. Bhatt, conveyed vote of thanks to all the dignitaries and members.

TECHNICAL SESSION – I

Chairman : Dr. Dr. A. R. Pathak, Hon. Vice Chancellor, NAU, Navsari

Co-Chairman : Dr. A. N. Sabalpara, Director of Research, NAU, Navsari
Dr. H. J. Derashri, Director of Extension Education, NAU, Navsari

Rapporteur : Dr. H. R. Pandya, Convener of 10th AGRESO of Social Science group
Dr. R. D. Pandya, Professor & Head, Dept. Extension Education, NMCA

10.1.1 : **Approval of minutes of the 9th AGRESO-SS (Feb., 20, 2013)**

The house has approved the minutes.

10.1.2 **Review and follow up action for strengthening the body**

The action taken by the concerned members were discussed. The Chairman suggested following points for further consideration.

i) Action taken and AGRESO report of all concerned members should be reached before ten days to the Chairman of the Social Science group.

(Action: All Head of Department/Unit/Centre)

ii) AGRESO report should be prepared on the line of approved format.

(Action: All Head of Department/Unit/Centre)

iii) Concern faculties working at Poly-techniques under NAU should be incorporated in this body.

(Action: Convener, AGRESO-SS)

iv) Number of investigators should be limited up to three with suitable justification.

(Action: Convener, AGRESO-SS)

v) Departmental concept should be settled in all the discipline of this body to organize the seminar series on new aspects.

(Action: All Head of Department)

vi) Area/commodity based market intelligent aspect should be incorporated in the research conducted by concern department.

(Action: All Head of Department/Unit/Centre)

vii) Reporting of Directorate of Extension should be made in AGRESO.

(Action: Convener, AGRESO-SS & DEE, NAU)

10.1.3 **Dr. P. D. Varma**, SMS, (Extension), KVK, Surat had delivered a talk on "Stress Management: A structural strengthen for human resource development". The house appreciated the talk.

TECHNICAL SESSION - II EXTENSION EDUCATION

Chairman : **Dr. R.D. Pandya**, Professor & Head, Dept. Ext. Edu., NMCA
Rapporteurs : **Dr. O. P. Sharma**, Asso. Prof., (Ext.) VCVSAH, NAU, Navsari
Dr. P. D. Verma, SMS (Ext.) KVK, NAU, Surat

10.2.1 : **KVK, Vyara**

Dr. C. D. Pandya, SMS (Extension), presented the results of study entitled, "Awareness among farmers about knowledge resource centre". The result of this study was accepted by the house. He also presented the progress of one ongoing study entitled; "Participation of tribal farm women in breeding, feeding and management practices of animal husbandry in Tapi district.

Dr. Pandya has also presented new technical programme entitled;

- i) Socio economic status of tribal women SHGs in adopted villages of KVK, Tapi.

House approved with a suggestion that training provided by the KVK should be taken as an objective for the study.

(Action to be taken: PC, KVK, Vyara)

10.2.2 : **KVK, Waghai**

Mr. S. D. Kavadi, SMS (Extension), presented the results of study entitled; "A study on the rate of adoption of newly released Nagli production technology". The results were accepted by the house.

Mr. Kavadi has also presented status reports of two ongoing research projects. The results of these will be presented in 11th AGRESKO.

Hon. Vice Chancellor, Dr. Pathak suggested to conduct research on,

- i) Change in cropping pattern in tribal areas.

(Action to be taken: PC, KVK, Waghai)

10.2.3 : **KVK, Surat**

Dr. P. D. Verma, SMS (Extension), presented the results of study entitled; "Cropping pattern adopted by tribal farmers of Narmada district". House accepted the results.

Dr. Verma has also presented the status report of ongoing study, "Children food pattern and consequences in tribal areas of Surat district".

Moreover, he proposed three new technical programmes entitled;

- i) Impact of FLDs on knowledge and adoption of improved paddy production technology,
- ii) Adoption of improved dairy husbandry practices by the tribal's of Surat district and
- iii) Sustenance cropping system in tribal area of Surat district". The house approved all the three programmes.

(Action to be taken: PC, KVK, Surat)

10.2.4 : **KVK, Navsari**

Mrs. G. J. Bhimani, SMS (Home Science), presented the progress report of Two ongoing projects; "Awareness among farmers about KVK as knowledge resource centre" and "Impact of FLDs on adoption of paddy production technology".

Mrs. Bhimani has also presented two new technical programmes entitled;

- i) Impact assessment of contract farming for sweet corn in Navsari district, and
- ii) Impact assessment of paddy growers of Navsari district'.

House approved the same.

(Action to be taken: PC, KVK, Navsari)

The study entitled; 'Impact assessment of vegetable growers of selected

villages under RKVY project' was approved in 8th AGRESKO. On failing to present the results in 9th AGRESKO, the PC, KVK, Navsari assured to complete the same and committed to present the result in 10th AGRESKO. The house granted the time for the same but, it was not presented. House noted this matter seriously and suggested to the Convener to report to the Director of Research, NAU, Navsari for clarification from PC, KVK, Navsari.

(Action to be taken: Convener, AGRESKO-SS)

10.2.5 ATIC, NAU

The report of ATIC, NAU was not presented by any representative in the 10th AGRESKO. House suggested to the Convener to report to the Director of Research, NAU, Navsari.

(Action to be taken: Convener, AGRESKO-SS)

10.2.6 SSK, NAU

Prof. V. P. Vejapara, Programme Organizer, presented the activities of his unit. House accepted the same.

Prof. Vejapara, has proposed a new technical programme entitled; 'Study on impression of NAU visitors'. House accepted the same.

10.2.7 : KVK, Dediapada

Mr. S. R. Kumbani, SMS (Extension) presented the status report of two ongoing projects entitled;

- i) Awareness among farmers about knowledge resource centre and
- ii) Impact of FLDs on adoption of pigeon pea production technology.

Mr. Kumbani, has proposed a new technical programme entitled; 'Adoption of improved Indian bean production technology'. House accepted the same.

(Action to be taken: PC, KVK, Dediapada)

10.2.8 : TWTC, Dediapada

Mr. V. K. Poshia, Asst. Prof. (Extension) initiated the research activity by proposing a new technical programme in coalition of Department of Extension Education, NMCA, Navsari entitled; 'Assessment of livelihood pattern of tribal women in Narmada district'. House accepted the same.

(Action to be taken: PC, KVK, Dediapada)

10.2.9 : AES, Paria

Dr. M. Chaudhary, Asst. Ext. Educationist, presented a new technical programme entitled; Knowledge and adoption level of farmers about scientific cultivation of cashew. House approved the programme with following suggestions; a). Relationship between dependent and independent variables should be analyzed and b). Constraints and suggestions to overcome the problems faced by the cashew growers are to be incorporated as objectives.

(Action to be taken: Res. Sci., AES, Paria)

10.2.10 : Deptt. of Ext. Edu., NMCA

Dr. P. B. Khodifad, Asst. Prof. (Extension), presented the status of ongoing plan project entitled; "Strengthening of Extension wing" (B. H. 12145). House appreciated the present progress.

Dr. Khodifad has also presented a new technical programme entitled;

- i) Assessment of livelihood pattern of tribal women in Narmada district. House approved.

Dr. M. R. Bhatt, Asso. Prof. (Extension), presented the results of study entitled; "A study on the use of teaching methods by the teachers of NAU at UG level". House accepted the results.

Dr. Bhatt has also presented a new technical programme entitled;

- i) Attitude of paddy growers towards SRI technique of paddy cultivation in

Navsari district. House approved the same.

Dr. H. L. Jana, Asst. Prof. (Extension Wing), presented the results of study entitled; "Knowledge and adoption of recommended IPM practices of non-Bt cotton growers of Bharuch district". House accepted the results.

After clarification of Dr. Jana for delaying in second study entitled; "Development of Decision Making Scale for Farm Families of South Gujarat"(Year: 2010-11-12-13-14), the house granted one more year to submit the results.

Dr. Jana has also presented a new technical programme entitled; "Fruit growers' behavior towards the use of pesticides". House approved the same with a condition that the study should be completed within time.

(Action to be taken: Prof. & Head, Deptt. of Ext. Edu., NMCA)

10.2.11 : Deptt. of Ext. Edu., ACHF

Dr. O. D. Vanparia, Asso. Prof. (Extension) has not presented the result of study entitled; 'Expectation and motivational sources of newly enrolled students of B. Sc. (Horticulture)'. House taken serious note for not completing the approved by the house in time. House suggested to the Convener to report to the Director of Research, NAU, Navsari as well as ask to submit the reason for the delay.

Dr. Vanparia has not presented any new technical programme.

(Action to be taken: Convener, AGRESCO-SS)

10.2.12 : Deptt. of Ext. Edu.,VCVSAH

Dr. O. P. Sharma Asso. Professor (Extension) presented the second year results of ongoing study entitled; 'Working behavior of migrant labours in South Gujarat'. House was satisfied with the progress.

Dr D. Rani, Astd. Professor (Vet. Extension) presented the results of study entitled; 'Training needs of Dairy farm women in South Gujarat region'. House accepted the results.

Dr. R. S. Ghasura, Astd. Professor (Vet. Extension) presented two new technical programmes entitled;

- i) Bio- security management level of commercial poultry farmers in South Gujarat region, and
- ii) ICT penetration level of dairy cooperative farmers in south Gujarat region". House approved both the programmes.

(Action to be taken: Prof. & Head, Deptt. of Ext. Edu., VCVSAH)

10.2.13 Deptt. of Ext. Edu.,CoA, Bharuch

The report of Deptt. of Ext. Edu.,CoA, Bharuch was not presented by any representative in the 10th AGRESCO. House suggested to the Convener to report to the Director of Research, NAU, Navsari.

(Action to be taken: Convener, AGRESCO-SS)

10.2.14 : SWMRU, NAU

Mr. R. T. Khatri, Astd. Professor (Ag. Econ) presented the status report of two ongoing studies and the results will be presented in next AGRESCO. No new technical programme was presented by SWMRU.

(Action to be taken: Res. Sci., SWMRU, NAU)

TECHNICAL SESSION - III
AGRICULTURAL ECONOMICS

Chairman :Dr. K. S. Patel, Professor & Head ,Agril. Eco., NMCA, Navsari.

Rapporteurs :Dr. Narendra Singh, Associate Professor, Agril. Eco., ACHF, Navsari.
Dr. A.K.Leua, Associate Professor, Agril. Eco., AIABM, Navsari.

10.3.1 Department of Agricultural Economics, NMCA,NAU, Navsari

Dr. K. S. Patel, Professor & Head, Agril. Eco., N. M. College of Agriculture, Navsari presented the result of the “ Economics of leased out village ponds of fish in Navsari district of South Gujarat”. House approved the result. He also presented Progress report of “Economics and Marketing of Turmeric in Nizar Taluka of Tapi district’ House suggested to collect marketing data up to farmer’s level

Dr. K. S. Patel also presented a New Technical Programme on “Comparative economics of drip and flood method of irrigation in Banana crop of South Gujarat”. House approved the same.

(**Action to be taken:** Professor & Head , Agril. Eco., NMCA, Navsari)

10.3.2 Department of Agricultural Economics, ACHF, NAU, Navsari

Dr. Narendra Singh, Associate Professor, Agricultural Economics, ACHF, Navsar presented the details of activities carried out in his department and the progress of the project on “Economics and marketing of Goat in South Gujarat”

Dr. Narendra Singh also presented a New Technical Programme on “The economic impact of climate change on Agriculture and Implication for Food Security in South Gujarat”. House approved the same.

(**Action to be taken:** Associate Professor, Agril. Eco., ACHF, NAU, Navsari)

10.3.3 Department of Agricultural Economics, COA, NAU, Waghai

Mr. V. S. Thorat, Assistant Professor, COA, NAU, Waghai presented the details of activities carried out in his Department. He presented a New Technical Programme on “Transition of food consumption pattern in South Gujarat”. House approved the same.

(**Action to be taken:** Assistant Professor, Agril. Eco., COA, NAU, Waghai)

10.3.4 Department of Agricultural Economics, COA, NAU, Bharuch

Dr. P. M. Thanki, Associate Professor, COA, Bharuch presented the details of activities carried out in his Department. He presented a New Technical Programme on “ Economic analysis of production and marketing of Pigeon pea in Bharuch District of South Gujarat”. House approved the same.

(**Action to be taken:** Associate Professor, COA, NAU, Bharuch)

10.3.5 Department of Agricultural Economics, AIABM, NAU, Navsari

Dr. A. K. Leua, Associate Professor, Agricultural Economics AABMI, Navsari presented the **departmental research** progress on the following programmes

- (i) A study on the cluster development for market access to vegetable farmers in South Gujarat”
- (ii) Diversification in land use and cropping pattern of South Gujarat and study confined between last two decades”
- (iii) Structural changes over time in cost of cultivation of South Gujarat”

- (iv) Linking Nagli farmers to market: value addition through processing with reference to Nagli product ”
- (v) Consumer behavior for loose and packaged milk in Surat and Navsari district”
- (vi) Assessing consumer’s awareness and attitude towards organic food products in South Gujarat”
- (vii) A study on trend in area, production and price movement and marketing strategies of major vegetables of South Gujarat”
- (viii) Perceived quality of work life of employment of Navsari Agricultural University Campus”
- (ix) Data mining approach for improvement in co- operative operations: A case of Amalsad co-operative with special reference to Sapota value chain”. There was no New Technical Programme.
(**Action to be taken:** Dean, AABMI, NAU, Navsari)

TECHNICAL SESSION -IV AGRICULTURAL STATISTICS

Chairman : **Dr. H R Pandya**, Prof. and Head (Agril. Stat.), NMCA, NAU, Navsari

Rapporteurs: **Dr. B. K. Bhatt**, Asso. Prof., Agril. Stat., ACHF, NAU, Navsari

Prof. H. N. Chhatrola, Asso. Prof., Agril. Stat., ACHF, NAU, Navsari

10.4.1 Dept. of Agril. Statistics, NMCA, NAU, Navsari

Prof. Sankalpa Ojha, Asstt. Prof. has presented results of research report titled “Study on variability of fruits in new Sapota cultivars under South Gujarat condition”. House accepted the results. He also presented a new technical programme for the year 2014-15 titled “Comparative efficiency of statistical models for lactation curves in surti buffalo”. House has approved the same.

(**Action to be taken:** Prof., Dept. of Agril. Statistics, NMCA, NAU, Navsari)

10.4.2 Dept. of Agril. Statistics, ACHF, NAU, Navsari

Prof. H. N. Chhatrola, Asso. Prof. has presented the status of the research report titled “Plot techniques in Banana”. The project was vitiated due to heavy rain and water logging. On the suggested to continue the same for the next year 2014-15.

(**Action to be taken:** Asso. Prof., Dept. of Statistics, ACHF, NAU, Navsari)

10.4.3 Dept. of Agril. Statistics, COA, NAU, Bharuch

Dr. D. V. Patel, Asso. Prof. has presented a new technical programme titled “Uniformity trial in rainfed pigeon pea” for the year 2014-15. The house approved the same.

(**Action to be taken:** Asso. Prof., Dept. of Statistics, COA, NAU, Navasri)

10.4.4 Dept. of Agril. Statistics, COA, NAU, Waghai

Dr. Yogesh A. Garde, Asstt. Prof. has presented a new technical programme titled “ Pre harvest forecasting of Ragi (Hill Millet) in Dangs district ”. The house appreciated and approved the same.

(**Action to be taken:** Asso. Prof., Dept. of Statistics, COA, NAU, Waghai)

**TECHNICAL SESSION - V
PLENARY SESSION**

Chairman : Dr. H. J. Derashri, DEE, NAU, Navsari

Rapporteurs: Dr. B. K. Bhatt and Prof. H. N. Chhatrola

The reports of all three technical sessions were presented by the chairman of respective session and were approved by the house.

The chairman has nominated Prof. M. G. Thakkar, Associate Professor, HRD, AIABM for special talk in 11th AGRESKO.

(Action to be taken: Convener of AGRESKO)

Date: 10/03/2014

(H. R. Pandya)
Convener of AGRESKO (SS)
&
Professor and Head
Dept. of Agril. Statistics, NMCA
NAU, Navsari